Study Guide

Chapter 3 – Matter and Its Changes

Grade 6

**Things to Know**

Converting measurements

Know and be able to identify the physical and chemical properties

* Physical – color, shape, length, mass, volume, density, state, ability to attract a magnet, melting point, boiling point, malleability, ductility
* Chemical – flammability, reacts with oxygen, water, vinegar, reacts in presence of electricity, light, heat

Know the difference and be able to explain a physical change and a chemical change

Be able to explain the physical and chemical properties of different objects

Be able to explain the different states of matter – solid, liquid, gas, plasma

**Vocabulary**

* ductile
* solid
* liquid
* physical property
* density
* boiling point
* melting point
* malleable
* physical change
* chemical property
* chemical change
* gas
* law of conservation of mass